
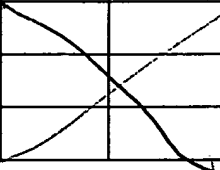
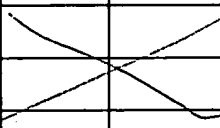


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|--|--|-----------------|----------|---------------------------------|---|---|----------------------------|----|
| <b>INFORMATION DISCLOSURE CITATION</b><br><i>(Use several sheets if necessary)</i>   |  |                 |          | Atty. Docket No.                |   | Serial No.  |                            |    |
|  |  |                 |          | SON-1508                        |   | 09/272,331  |                            |    |
|  |  |                 |          | Applicant<br>Hiroki ENDO et al. |   |   |                            |    |
| Filing Date<br>March 19, 1999  |  |                 |          | Group<br>2712                   |   |  |                            |    |
|  |  |                 |          |                                 |   |   |                            |    |
| <b>U.S. PATENT DOCUMENTS</b>   |  |                 |          |                                 |   |   |                            |    |
| Examiner Initial   |  | Document Number | Date     | Name                            | Class   | Subclass  | Filing Date If Appropriate |    |
| Rnj  |  | 4,610,509       | 9/9/86   | Sorimachi et al.                |   |   |                            |    |
| Rnt  |  | 5,140,396       | 8/18/92  | Needham et al.                  |   |   |                            |    |
| Rnt  |  | 5,172,206       | 12/15/92 | Iizuka                          |   |   |                            |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |  |                 |          |                                 |   |   |                            |    |
|  |  | Document Number | Date     | Country                         | Class   | Subclass  | Translation                |    |
|  |  |                 |          |                                 |   |   | Yes                        | No |
| Rnt  |  | WO 95/00878     | 1/5/95   | WO                              |  |   | X                          |    |
| Rnt  |  | 0 304 382       | 2/22/89  | EPO                             |   |   | X                          |    |
|  |  |                 |          |                                 |   |   |                            |    |
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|  |  |                 |          |                                 |   |   |                            |    |
|  |  |                 |          |                                 |   |   |                            |    |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)</b>   |  |                 |          |                                 |   |   |                            |    |
|  |  |                 |          |                                 |   |   |                            |    |
|  |  |                 |          |                                 |   |   |                            |    |
| <b>EXAMINER</b><br>Rashawn H. Liberty  |  |                 |          |                                 | <b>DATE CONSIDERED</b><br>10/28/02  |   |                            |    |
| <b>*Examiner:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |  |                 |          |                                 |   |   |                            |    |

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